



IFW16

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

3 <110> APPLICANT: Wyeth (American Home Products)
 4 Ozenberger, Bradley A
 5 Sofia, Heidi
 6 Jacobsen, Jack S
 7 Jonathan , Bard A
 8 Kajkowski, Eileen M
 9 Walker, Stephen G
 11 <120> TITLE OF INVENTION: BETA-AMYLOID PEPTIDE-BINDING PROTEINS AND POLYNUCLEOTIDES
 12 ENCODING THE SAME
 14 <130> FILE REFERENCE: 31896-066100 (AHP98126 1C1)
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/774,936A
 C--> 16 <141> CURRENT FILING DATE: 2001-01-31
 16 <150> PRIOR APPLICATION NUMBER: US 09/172,990
 17 <151> PRIOR FILING DATE: 1998-10-14
 19 <150> PRIOR APPLICATION NUMBER: US 09/060,609
 20 <151> PRIOR FILING DATE: 1998-04-15
 22 <150> PRIOR APPLICATION NUMBER: US 60/064,583
 23 <151> PRIOR FILING DATE: 1997-04-16
 25 <160> NUMBER OF SEQ ID NOS: 35
 27 <170> SOFTWARE: PatentIn version 3.2
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 810
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Homo sapiens
 35 <220> FEATURE:
 36 <221> NAME/KEY: CDS
 37 <222> LOCATION: (1)..(807)
 39 <400> SEQUENCE: 1
 40 atg cat att tta aaa ggg tct ccc aat gtg att cca cgg gct cac ggg 48
 41 Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
 42 1 5 10 15
 44 cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt 96
 45 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
 46 20 25 30
 48 ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc ccg ctc ctg ggc 144
 49 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
 50 35 40 45
 52 gga ggc gga agc gga agt ggc gag aaa gtg tcg gtc tcc aag atg gcg 192
 53 Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
 54 50 55 60
 56 gcc gcc tgg ccg tct ggt ccg tct gct ccg gag gcc gtg acg gcc aga 240
 57 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
 58 65 70 75 80

ENTERED

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

```

60 ctc gtt ggt gtc ctg tgg ttc gtc tca gtc act aca gga ccc tgg ggg      288
61 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
62                               85                               90                               95
64 gct gtt gcc acc tcc gcc ggg ggc gag gag tcg ctt aag tgc gag gac      336
65 Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
66                               100                               105                               110
68 ctc aaa gtg gga caa tat att tgt aaa gat cca aaa ata aat gac gct      384
69 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
70                               115                               120                               125
72 acg caa gaa cca gtt aac tgt aca aac tac aca gct cat gtt tcc tgt      432
73 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
74                               130                               135                               140
76 ttt cca gca ccc aac ata act tgt aag gat tcc agt ggc aat gaa aca      480
77 Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
78 145                               150                               155                               160
80 cat ttt act ggg aac gaa gtt ggt ttt ttc aag ccc ata tct tgc cga      528
81 His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
82                               165                               170                               175
84 aat gta aat ggc tat tcc tac aaa gtg gca gtc gca ttg tct ctt ttt      576
85 Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
86                               180                               185                               190
88 ctt gga tgg ttg gga gca gat cga ttt tac ctt gga tac cct gct ttg      624
89 Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu
90                               195                               200                               205
92 ggt ttg tta aag ttt tgc act gta ggg ttt tgt gga att ggg agc cta      672
93 Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
94                               210                               215                               220
96 att gat ttc att ctt att tca atg cag att gtt gga cct tca gat gga      720
97 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
98 225                               230                               235                               240
100 agt agt tac att ata gat tac tat gga acc aga ctt aca aga ctg agt      768
101 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
102                               245                               250                               255
104 att act aat gaa aca ttt aga aaa acg caa tta tat cca taa      810
105 Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
106                               260                               265
109 <210> SEQ ID NO: 2
110 <211> LENGTH: 269
111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 2
116 Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
117 1                               5                               10                               15
120 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
121                               20                               25                               30
124 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
125                               35                               40                               45
128 Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
129                               50                               55                               60

```

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

```

132 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
133 65          70          75          80
136 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
137          85          90          95
140 Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
141          100          105          110
144 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
145          115          120          125
148 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
149          130          135          140
152 Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
153 145          150          155          160
156 His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
157          165          170          175
160 Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
161          180          185          190
164 Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu
165          195          200          205
168 Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
169          210          215          220
172 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
173 225          230          235          240
176 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
177          245          250          255
180 Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
181          260          265

```

184 <210> SEQ ID NO: 3

185 <211> LENGTH: 21

186 <212> TYPE: DNA

187 <213> ORGANISM: Artificial

189 <220> FEATURE:

190 <223> OTHER INFORMATION: PCR Primer

192 <400> SEQUENCE: 3

193 ccatggatgc agaattccga c

21

196 <210> SEQ ID NO: 4

197 <211> LENGTH: 32

198 <212> TYPE: DNA

199 <213> ORGANISM: Artificial

201 <220> FEATURE:

202 <223> OTHER INFORMATION: PCR Primer

204 <400> SEQUENCE: 4

205 aagcttggtcg acttacgcta tgacaacacc gc

32

208 <210> SEQ ID NO: 5

209 <211> LENGTH: 28

210 <212> TYPE: DNA

211 <213> ORGANISM: Artificial

213 <220> FEATURE:

214 <223> OTHER INFORMATION: PCR Primer

216 <400> SEQUENCE: 5

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

```

217 aagcttaaga tggatgcaga attccgac                28
220 <210> SEQ ID NO: 6
221 <211> LENGTH: 20
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial
225 <220> FEATURE:
226 <223> OTHER INFORMATION: PCR Primer
228 <400> SEQUENCE: 6
229 tttaataacca ctacaatgga                20
232 <210> SEQ ID NO: 7
233 <211> LENGTH: 21
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial
237 <220> FEATURE:
238 <223> OTHER INFORMATION: PCR Primer
240 <400> SEQUENCE: 7
241 ttttcagtat ctacgattca t                21
244 <210> SEQ ID NO: 8
245 <211> LENGTH: 21
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial
249 <220> FEATURE:
250 <223> OTHER INFORMATION: PCR Primer
252 <400> SEQUENCE: 8
253 tttaataacca ctacaatgga t                21
256 <210> SEQ ID NO: 9
257 <211> LENGTH: 29
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial
261 <220> FEATURE:
262 <223> OTHER INFORMATION: PCR Primer
264 <400> SEQUENCE: 9
265 ctcgagttaa aatcgatctg ctcccaacc                29
268 <210> SEQ ID NO: 10
269 <211> LENGTH: 26
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial
273 <220> FEATURE:
274 <223> OTHER INFORMATION: PCR Primer
276 <400> SEQUENCE: 10
277 gaattccaaa aataaatgac gctacg                26
280 <210> SEQ ID NO: 11
281 <211> LENGTH: 29
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial
285 <220> FEATURE:
286 <223> OTHER INFORMATION: PCR Primer
288 <400> SEQUENCE: 11
289 ctcgagtcaa gatatgggct tgaaaaaac                29

```

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

```

292 <210> SEQ ID NO: 12
293 <211> LENGTH: 30
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial
297 <220> FEATURE:
298 <223> OTHER INFORMATION: PCR Primer
300 <400> SEQUENCE: 12
301 ccttccatgg aagtggcagt cgcattgtct 30
304 <210> SEQ ID NO: 13
305 <211> LENGTH: 32
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: PCR Primer
312 <400> SEQUENCE: 13
313 aacactcgag tcaaaaccct acagtgcaaa ac 32
316 <210> SEQ ID NO: 14
317 <211> LENGTH: 22
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial
321 <220> FEATURE:
322 <223> OTHER INFORMATION: PCR Primer
324 <400> SEQUENCE: 14
325 gtggatccac tgcttcgagg at 22
328 <210> SEQ ID NO: 15
329 <211> LENGTH: 28
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial
333 <220> FEATURE:
334 <223> OTHER INFORMATION: PCR Primer
336 <400> SEQUENCE: 15
337 gtcgacgggtt gctatacagg acaagagg 28
340 <210> SEQ ID NO: 16
341 <211> LENGTH: 22
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial
345 <220> FEATURE:
346 <223> OTHER INFORMATION: PCR Primer
348 <400> SEQUENCE: 16
349 gtggatccag tgcttcaatg at 22
352 <210> SEQ ID NO: 17
353 <211> LENGTH: 28
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial
357 <220> FEATURE:
358 <223> OTHER INFORMATION: PCR Primer
360 <400> SEQUENCE: 17
361 gtcgactaaa ttggggcggt cccttctt 28
364 <210> SEQ ID NO: 18

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/21/2004
PATENT APPLICATION: US/09/774,936A TIME: 10:43:37

Input Set : A:\Sequence Listing.ST25.txt
Output Set: N:\CRF4\07212004\I774936A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,24,25,27,29,30,31,32,33

Seq#:34,35

VERIFICATION SUMMARY

DATE: 07/21/2004

PATENT APPLICATION: US/09/774,936A

TIME: 10:43:37

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\07212004\I774936A.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date